

# HIV/AIDS Surveillance Quarterly Report

Hawai'i Department of Health

Cases to March 31, 2002

**HIV Reporting:** Hawaii Administrative Rules now require physicians to report HIV-positive cases report using an Unnamed Test Code (UTC) to the HIV/AIDS Surveillance Program, Department of Health. The UTC is created from patient's name and date of birth; the algorithm appears on the HIV report form. Laboratories are required to report HIV-positive test results by UTC to the HIV/AIDS Surveillance Program. Surveillance staff follow up on those laboratory reported HIV-positive test results for demographic and other required information with physicians. For more information on reporting and other related questions, please contact the HIV/AIDS Surveillance Program, STD/AIDS Prevention Branch, 3627 Kilauea Avenue, Suite 306, Honolulu, HI 96816, Tel: (808) 733-9010, and Fax: (808) 733-9015. As of March 31, 2002, 324 HIV (non-AIDS) cases were reported to the Hawaii HIV/AIDS Surveillance Program, Department of Health.

**AIDS Reporting:** AIDS still continues to report for individuals with HIV and low CD4 ( $<200$  Cell/ $\mu$ L and/or  $<14\%$ ) with or without opportunistic infection. Hawaii laboratories are required to report low CD4 to the HIV/AIDS Surveillance Program. Surveillance staff follow up with physicians for unreported AIDS cases based on laboratory reported low CD4 results. As of March 31, 2002, 2,594 AIDS cases have been reported to the Department of Health.

This report contains AIDS data by year (page 2), by county (Page 3), and by race/ethnicity (Page 4).

## Distribution of people known to be living with AIDS in Hawai'i

As of March 31, 2002, 2,594 AIDS cases have been reported to the State of Hawaii Department of Health. Among these cases, 42% (1,099) people are known to be living with AIDS. The HIV/AIDS Program maintains AIDS records with death information for person deceased with AIDS or other reasons in Hawaii. In addition, some deceased information are also collected from other states for migrant cases. Sometimes, HIV/AIDS Program may not know if any individual reported with AIDS die in another state and therefore, that individual remains in this data set as a living case.

The figure shows the number of people known to be living with AIDS at the end of each year. The number has increased each year from three in 1983 to 1,093 in 2001. Due to the highly active antiretroviral therapy (HAART), which was introduced in 1996, many people are living longer and healthier with AIDS than ever before.

**Gender:** Of these people are living with AIDS, 91% (1000) male and 9% (99) female.

**Race/Ethnicity:** Majority of people living with AIDS are Caucasians (63%, 690), followed by Hawaiians (9%, 100) and other race/ethnic groups.

**By Risk:** For people living with AIDS, majority was diagnosed with men having sex with men (MSM) risk behavior (71%, 783), followed by injection drug use (IDU) with 8% (91), heterosexual with 7% (79), MSM/IDU with 7% (75), and other risk with 6% (71).

**By Age:** Majority of people living with AIDS were diagnosed between 30 to 39 years of age (45%, 493), followed by 40 to 49 years with 30% (331), 20 to 29 years with 13% (138), and over 49 years with 12% (128).

**By County:** Most people living with AIDS were diagnosed in O'ahu (Honolulu County) with 66% (722), followed by Hawai'i County with 17% (189), Maui County with 13% (143), and Kaua'i County with 4% (45).

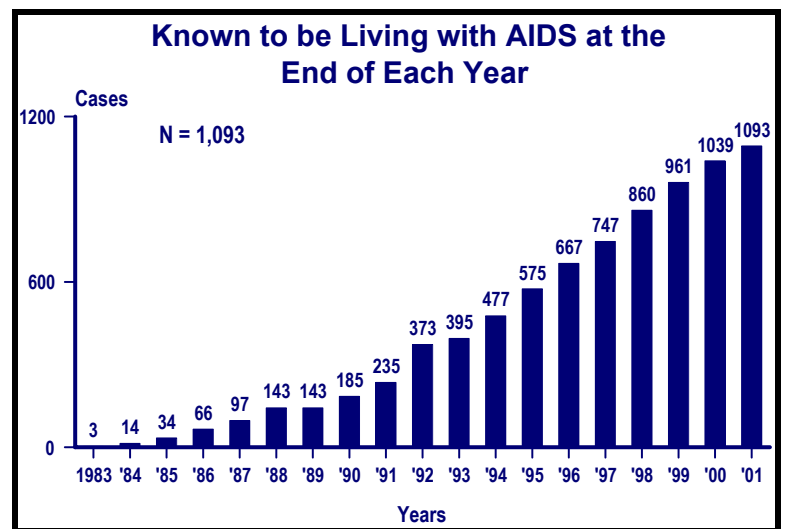


Figure shows number of living AIDS cases increased from 1983 to 2001. Six diagnosed living AIDS cases of 2002 are not shown in this graph.

AIDS Surveillance Program, 3627 Kilauea Avenue, Room 306, Honolulu, Hawaii 96816, (808) 733-9010, 733-9015 (Fax)  
Website address: [http://www.state.hi.us/doh/resource/comm\\_dis/std\\_aids/aids\\_rep/](http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/)

# Hawaii AIDS Data by Year

As of March 31, 2002

Year of Report	1983-1996	1997	1998	1999	2000	2001	2002	TOTAL
Cases by Year of Report	1,980	98	164	103	109	127	13	2,594
Rate per 100,000 Population <sup>1</sup>	N/A	8.2	13.8	8.7	9.0	10.5	N/A	N/A

Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
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<b>S E X</b>	Male	1,871	(94)	87	(89)	147	(90)	95	(92)	94	(86)	112	(88)	9	2,415	(93)
	Female	109	(6)	11	(11)	17	(10)	8	(8)	15	(14)	15	(12)	4	179	(7)

<b>A G E</b>	<13	14	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	16	(<1)
	13-19	5	(<1)	1	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	8	(<1)
	20-29	283	(14)	5	(5)	13	(8)	5	(5)	8	(7)	11	(9)	1	326	(13)
	30-39	875	(44)	44	(45)	80	(49)	44	(43)	36	(33)	54	(43)	6	1,139	(44)
	40-49	591	(30)	30	(31)	48	(29)	39	(38)	42	(39)	37	(29)	1	788	(30)
	>49	212	(11)	18	(18)	21	(13)	15	(15)	21	(19)	25	(20)	5	317	(12)

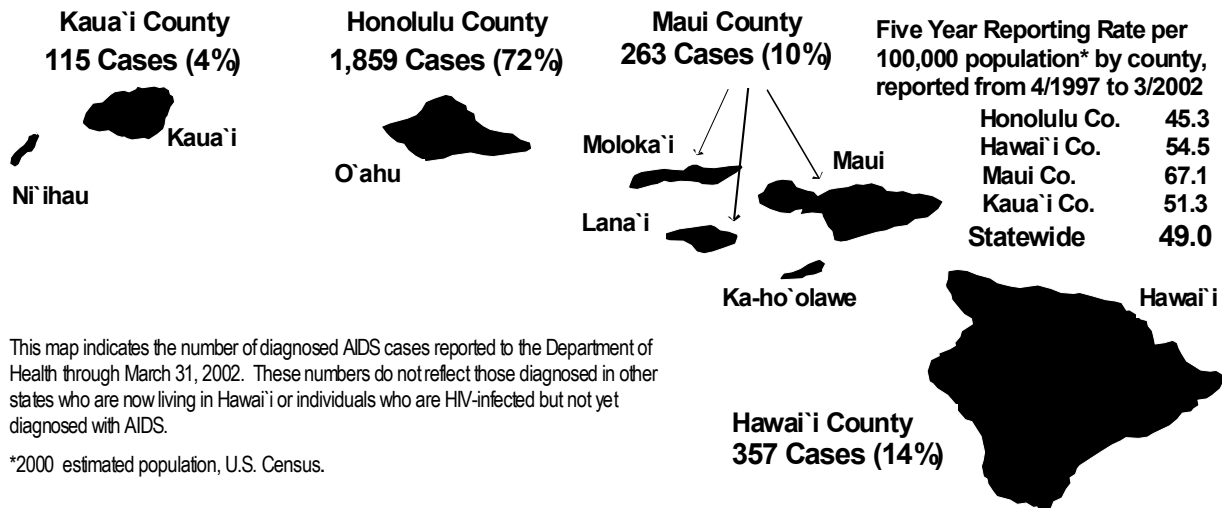
<b>R A C E</b>	Caucasian	1,288	(65)	47	(48)	98	(60)	64	(62)	61	(56)	80	(63)	6	1,644	(63)
	Asian/Pacific Islander	508	(26)	42	(43)	41	(25)	27	(26)	39	(36)	34	(27)	5	696	(27)
	African-American	81	(4)	3	(3)	9	(5)	7	(7)	4	(4)	3	(2)	1	108	(4)
	Hispanic	95	(5)	6	(6)	13	(8)	5	(5)	5	(5)	9	(7)	1	134	(5)
	American Indian/Alaskan	8	(<1)	0	(0)	3	(2)	0	(0)	0	(0)	1	(1)	0	12	(<1)

<b>R I S K</b>	Male to Male Sex	1,543	(78)	67	(68)	117	(71)	71	(69)	69	(63)	84	(66)	5	1,956	(75)
	Injection Drug Use	128	(6)	10	(10)	21	(13)	6	(6)	8	(7)	9	(7)	1	183	(7)
	Male/Male Sex & IDU	148	(7)	5	(5)	5	(3)	8	(8)	4	(4)	2	(2)	0	172	(7)
	Female Heterosexual	57	(3)	8	(8)	8	(5)	3	(3)	8	(7)	5	(4)	2	91	(4)
	Male Heterosexual	26	(1)	3	(3)	4	(2)	5	(5)	3	(3)	4	(3)	1	46	(2)
	Transfusion	19	(1)	2	(2)	2	(1)	1	(1)	0	(0)	0	(0)	1	25	(1)
	Perinatal	11	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	13	(<1)
	Hemophiliac	17	(<1)	1	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	20	(<1)
	Undetermined	31	(2)	2	(2)	5	(3)	9	(9)	16	(15)	22	(17)	3	88	(3)

<sup>1</sup> Each year's estimated population from the State of Hawaii Data Book 1999, <http://www.hawaii.gov/dbedt/db99/index.html>; and US Census, <http://www.census.gov/population/cen2000>. \*\* The numbers are too small to show percentages.

# County Report

## Cumulative Cases (1983 – March 31, 2002)



Cumulative Hawai'i AIDS cases reported 1983 to March 31, 2002	2,594	Known Deaths	1,495 (58%)
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### AIDS Cases by County: Five-year (April 1997 - March 2002) and Cumulative Total (1983 – March 2002)

County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co		Statewide	
		5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total
		No. (%)	N (%)	No. (%)	No. (%)	No. (%)	No. (%)	N (%)	N (%)	No. (%)	No. (%)
<b>S E X</b>	Male	357 (90)	1,741 (94)	63 (78)	317 (89)	80 (93)	250 (95)	27 (90)	107 (93)	527 (89)	2,415 (93)
	Female	40 (10)	118 (6)	18 (22)	40 (11)	6 (7)	13 (5)	3 (10)	8 (7)	67 (11)	179 (7)

<b>R I S K</b>	Male to Male Sex	267 (67)	1,423 (77)	42 (52)	237 (66)	69 (80)	206 (78)	22 (73)	90 (78)	400 (67)	1,956 (75)
	Injection Drug Use	33 (8)	122 (7)	10 (12)	39 (11)	5 (6)	13 (5)	4 (13)	9 (8)	52 (9)	183 (7)
	Male/Male Sex & IDU	17 (4)	116 (6)	4 (5)	29 (8)	1 (1)	23 (9)	1 (3)	4 (3)	23 (4)	172 (7)
	Heterosexual Contact	33 (8)	89 (5)	13 (16)	30 (8)	4 (5)	11 (4)	1 (3)	7 (6)	51 (9)	137 (5)
	Transfusion	4 (<1)	20 (1)	2 (2)	3 (1)	0 (0)	0 (0)	0 (0)	2 (2)	6 (1)	25 (1)
	Perinatal	2 (<1)	11 (<1)	0 (0)	2 (<1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0)	13 (<1)
	Hemophiliac	2 (<1)	14 (<1)	0 (0)	4 (1)	1 (1)	2 (<1)	0 (0)	0 (0)	3 (1)	20 (<1)
	Undetermined	39 (10)	64 (3)	10 (12)	13 (4)	6 (7)	8 (3)	2 (7)	3 (3)	57 (10)	88 (3)
<b>Total Cases</b>		397 (100)	1,859 (100)	81 (100)	357 (100)	86 (100)	263 (100)	30 (100)	115 (100)	594 (100)	2,594 (100)

April 1997—March 2002 N (%)	397 (67)	81 (14)	86 (14)	30 (5)	594 (100)
Cumulative cases and (%)	1,859 (72)	357 (14)	263 (10)	115 (4)	2,594 (100)
*Population 2000 and (%)	8,761,56 (72)	148,677 (12)	128,241 (11)	58,463 (5)	1,211,537 (100)

# AIDS Cases by Race/Ethnicity

## Five - Year (April 1, 1997 – March 31, 2002)

Race/Ethnicity	Caucasian No. (%)	African American No. (%)	Hispanic No. (%)	Hawaiian/ Pt. Haw. No. (%)	Filipino No. (%)	Chinese No. (%)	Japanese No. (%)	Other A/PI No. (%)	Total* Cases No. (%)
5 year average reporting rate per 100,000 <sup>1</sup>	14.5	15.6	8.7	9.8	4.7	3.8	2.0	11.1	9.8

5 Year Cases (%)	346 (58)	26 (94)	38 (6)	68 (11)	40 (7)	13 (2)	25 (4)	34 (6)	594 (100)
Cumulative Cases (%)	1643 (63)	109 (4)	134 (5)	277 (11)	135 (5)	55 (2)	115 (4)	114 (4)	2,594 (100)

<b>S E X</b>	Male	319 (92)	20 (77)	32 (84)	58 (85)	32 (80)	12 (92)	23 (92)	27 (79)	527 (89)
	Female	27 (8)	6 (23)	6 (16)	10 (15)	8 (20)	1 (8)	2 (8)	7 (21)	67 (11)

<b>R I S K</b>	Male to Male Sex	246 (71)	8 (31)	22 (58)	48 (71)	27 (68)	10 (77)	18 (72)	18 (53)	400 (67)
	Injection Drug Use	29 (8)	7 (27)	6 (16)	2 (3)	2 (5)	1 (8)	0 (0)	5 (15)	52 (9)
	Male/Male Sex & IDU	16 (5)	1 (4)	1 (3)	2 (3)	0 (0)	0 (0)	2 (8)	0 (0)	23 (4)
	Female Heterosexual	12 (3)	2 (8)	4 (11)	4 (6)	6 (15)	1 (8)	1 (4)	3 (9)	32 (5)
	Male Heterosexual	6 (2)	3 (12)	2 (5)	2 (3)	1 (3)	1 (8)	1 (4)	3 (9)	19 (3)
	Transfusion	3 (1)	0 (0)	0 (0)	2 (3)	0 (0)	0 (0)	0 (0)	0 (0)	6 (1)
	Perinatal	1 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0)
	Hemophiliac	3 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (1)
	Undetermined	30 (9)	5 (19)	3 (8)	7 (10)	4 (10)	0 (0)	3 (12)	5 (15)	57 (10)
<b>5 Year Total cases</b>		<b>346 (100)</b>	<b>26 (100)</b>	<b>38 (100)</b>	<b>68 (100)</b>	<b>40 (100)</b>	<b>13 (100)</b>	<b>25 (100)</b>	<b>34 (100)</b>	<b>594 (100)</b>

<sup>1</sup>2000 estimated U.S. Census figures were used to calculate race-specific reporting rates for Caucasians, Afri-American, Hispanic, and the State total. 1990 US census figures were used to calculate the rest of the race/ethnic groups for this five year period (4/1997-3/2002)

\*The cases for American Indian/Alaskan are not shown separately (4 male cases in the five year period :3 MSM, 1 MSM/IDU, and 11 Cumulative cases from 1983 to March 31, 2002)

**Reporting Requirement.** AIDS case reporting is required by Hawaii's Revised Statutes (HRS) §325-2 and Hawaii new Administrative Rules §11-156-3 for low CD4 values (<200 Cells/ $\mu$ L and/or total lymphocytes <14%). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV positive case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 and 8.9, implemented from August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidence in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.

**Questions regarding forms, reporting requirements, or this report may be directed to the AIDS Surveillance Program at (808) 733-9010, (808) 733-9015 (fax) or pbortha@java.net (e-mail).**